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IN THE CLAIMS:

1.-3. (Cancelled)

4. (Previously Presented)   A pen type input device with a camera comprising a pen, a camera mounted on said pen to pick-up an image of a penpoint, and an information processing apparatus to perform processing of an image picked up said camera, wherein said information processing apparatus makes judgment of an orientation of an objective image picked up by said camera depending upon a position of a tip end of said pen in the image picked-up by said camera.

5. (Previously Presented)   A pen type input device with a camera comprising a pen, a camera mounted on said pen to pick-up an image of a penpoint, and an information processing apparatus to perform processing of an image picked up said camera, wherein said information processing apparatus extracts an object to be processed from an image picked up by said camera, determines a process to be executed on a basis of a color of the penpoint detected from the picked-up image, and performs process of said extracted object.

6. (Cancelled)

7. (Previously Presented)   A pen type input device with a camera comprising a pen, a camera mounted on said pen to pick-up an image of a penpoint, and an

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information processing apparatus to perform processing of an image picked up said

camera, wherein said information processing apparatus detects a position of said

object extracted from the image picked up by said camera and said penpoint to

display an image indicating pointing of the pen on the basis of the result of detection.

8. (Previously Presented)   A pen type input device with a camera as set forth

in claim 7, wherein said information processing apparatus displays an image

indicating pointing of the pen when images in which said extracted object and said

penpoint overlap for a times greater than or equal to a predetermined times.

9. (Previously Presented)   A pen type input device with a camera comprising

a pen, a camera mounted on said pen to pick-up an image of a penpoint, and an

information processing apparatus to perform processing of an image picked up said

camera, wherein said information processing apparatus uses an image of a standard

pattern as picked-up by user pointing, to extract positioning correction values to be

used to correct image pick-up during use for subsequent image pickup.